NPDES 24hr Non-Compliance Report - Call Summary

Call Received By	Date of Call	Time of Call	NonComp Date	Sector
Chris Gebhardt	9/17/2014	3:15 AM	9/17/2014	Federal Facility

Print Current Form

Mail Today's Report

Open Query

Caller Name	David Alricht	Caller Phone #	360-535-2886
Facility Name	Puget Sound Naval Ship Yard		
Permit ID	WA0002062	NonCompliance Type	CSO/SSO

Violation Description	Crack in pipe in sewage lift station resulted in 45,000 gallons released over 3 days to Sinclair Inlet.
Comments	

Form ID	Entry Qtr	Entry Date
710	2014 Q4	10/10/2014

WA0002062

DEPARTMENT OF THE NAVY
PUGET SOUND NAVAL SHIPYARD
AND INTERMEDIATE MAINTENANCE FACILITY
1400 FARRAGUT AVENUE
BREMERTON, WASHINGTON 98314-5001

IN REPLY REFER TO

5090
Ser 106.32/205
AUG 10 2011

Mr. Chae Park
U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101

Attention: OCE-133

Dear Mr. Park:

On April 12, 2011 Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS & IMF) reported via telephone that near-shore and storm water samples collected from an area east of Dry Dock 6 contained higher than expected levels of fecal coliform. This letter is provided to inform the Environmental Protection Agency (EPA) of the actions taken and planned to address the elevated fecal coliform levels.

PSNS & IMF has been working in partnership with the Washington Department of Ecology, EPA, and the Kitsap County Health District (KCHD) in developing the "Sinclair and Dyes Inlets Fecal Coliform Bacteria Total Maximum Daily Load, TMDL and Water Quality Implementation Plan". In anticipation of upcoming National Pollutant Discharge Elimination System (NPDES) sampling requirements as required by TMDL, we have developed a sampling plan for fecal coliform in the ambient water.

PSNS & IMF began performing ambient sampling for fecal coliform in March 2010. Since then, we have gathered several sets of ambient samples. In one specific area of the ambient waters between Mooring A and Dry Dock 6, elevated levels of fecal coliform were discovered, concurrent with heavy rain. Based on the near shore ambient sample results, focused storm water sampling has been ongoing in the drainage basins adjacent to the ambient waters with elevated fecal coliform in an effort to locate and isolate the potential source(s).

Navy Region Northwest owns and Naval Facilities Engineering Command Northwest (NAVFAC NW) is responsible for maintaining utilities on all Navy bases within the Region, including the storm and sanitary sewer lines running through PSNS & IMF.

NAVFAC NW has performed water flushing and visual dye tests in nearby facilities, storm water piping camera inspections, and non-destructive evaluations of the sanitary system to identify possible cross connections or breaks in the systems. Concurrent with these efforts NAVFAC NW has developed a Sampling and Analysis Project Plan (SAPP) to identify fecal coliform inputs to the storm system using water bacterial testing, dye and charcoal receptor tests, and visual monitoring. To date NAVFAC NW has been unable to locate cross connections or failures in either the storm or sanitary system that would explain the high fecal readings. These investigations are ongoing and will continue to assess the storm and sanitary systems to locate and isolate fecal sources. All identification efforts and any corrective actions taken will be documented as part of the SAPP.

The sanitary sewer pressure main that traverses the area of interest cannot be directly inspected without taking the system out of service. This line serves as the single point of exit for sanitary wastes from the majority of the PSNS & IMF industrial area. Based upon the lack of identified system failures or cross connections to date, it is possible that a leak, or leaks, in this pressure main are infiltrating into cracks or faulty pipe joints in the storm system. A major failure of this pressure main would likely be realized at the surface in short order. Telltale sink holes, however, do not exist. As a precaution NAVFAC NW has temporarily isolated several storm lines that are in close proximity of the pressure main that show potential for infiltration. Additional investigations in this area have a high priority in order to accomplish any necessary corrective actions before the rainy season to the maximum extent possible.

The sanitary sewer pressure main in this vicinity is near the end of its expected life. Given the periodic unexpected levels of fecal coliform without evidence of specific locations, NAVFAC NW believes replacing this older section of the line in the vicinity of concern will resolve what may be multiple small leaks or joint failures. NAVFAC NW is finalizing development of a Request for Proposal (RFP) for the replacement of the sanitary sewer pressure main between Dry Docks 5 and 6. The RFP is anticipated to be advertised for bids before the end of September 2011 with award in the first Quarter of fiscal year 2012.

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On this expedited schedule it is anticipated replacement could be completed by the end of February 2013.

PSNS & IMF has discussed the periodic elevated levels of fecal coliform in the ambient waters in this vicinity with the KCHD. The KCHD determined that there was no cause to issue a public health advisory at this time. The Navy will continue to work with the KCHD.

We will send informal periodic updates to ensure you are informed of the efforts we are undertaking to locate and correct the source of the problem.

Questions or comments regarding this information may be addressed to Ms. Jacquelyn Young, Code 106.32, at telephone number (360)476-4738.

Sincerely,

S Rupp

S. S. RUPP
Head, Environmental Division
Environment, Safety, and
Health Office
By direction of the Commander